

INTERNATIONAL SEARCH REPORT

Int. Application No
PL 17 GB2004/001263

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C03B27/044

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/23387 A (MCMASTER RONALD A ; GLASSTECH INC (US)) 27 April 2000 (2000-04-27) page 8, line 7 - page 10, line 23; figures 1-4 page 13, line 7 - line 15	1-18
Y	US 4 816 058 A (RADERMACHER HERBERT ET AL) 28 March 1989 (1989-03-28) figure 7	1-5, 7-13, 15, 17, 18
Y	US 6 339 941 B1 (BREMER CARSTEN) 22 January 2002 (2002-01-22) column 2, line 46 - column 3, line 56; figures 1-5 ----- -/--	1-5, 7-13, 15, 17, 18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

23 June 2004

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Deckwerth, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 515 622 A (MCMASTER HAROLD A ET AL) 7 May 1985 (1985-05-07) column 7, line 37 - column 8, line 5; figures 6-8 column 8, line 49 - line 63	1-5, 7-13,15, 17,18
Y	US 3 388 984 A (CASWALL JR ROBERT D ET AL) 18 June 1968 (1968-06-18) column 3, line 9 - line 28; figure 1	6,14
Y	US 4 888 038 A (HERRINGTON RICHARD A ET AL) 19 December 1989 (1989-12-19) column 7, line 45 - column 8, line 58	16
A	US 3 125 430 A (RICHARDSON RONALD E) 17 March 1964 (1964-03-17) column 7, line 64 - column 8, line 30; figures 10-12	10,11
A	US 5 917 107 A (DUCAT PAUL D ET AL) 29 June 1999 (1999-06-29) figures 22,23	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/001263

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0023387	A	27-04-2000	
		AU 1116100 A	08-05-2000
		CN 1324333 T	28-11-2001
		EP 1124765 A1	22-08-2001
		JP 2002527348 T	27-08-2002
		PL 347408 A1	08-04-2002
		WO 0023387 A1	27-04-2000
		US 6295842 B1	02-10-2001
US 4816058	A	28-03-1989	
		DE 3612720 A1	22-10-1987
		BR 8701826 A	26-01-1988
		DE 3760672 D1	09-11-1989
		EP 0246123 A1	19-11-1987
		FI 871682 A ,B,	17-10-1987
		JP 62270430 A	24-11-1987
		US 4874418 A	17-10-1989
US 6339941	B1	22-01-2002	
		FR 2768721 A1	26-03-1999
		EP 0939745 A1	08-09-1999
		WO 9915469 A1	01-04-1999
US 4515622	A	07-05-1985	NONE
US 3388984	A	18-06-1968	NONE
US 4888038	A	19-12-1989	
		AT 100428 T	15-02-1994
		AU 619036 B2	16-01-1992
		AU 4030889 A	06-09-1989
		BR 8905994 A	20-11-1990
		CA 1326136 C	18-01-1994
		DE 68912573 D1	03-03-1994
		DE 68912573 T2	16-06-1994
		EP 0394366 A1	31-10-1990
		ES 2012640 A6	01-04-1990
		FI 90759 B	15-12-1993
		FI 921963 A ,B,	30-04-1992
		JP 2503309 T	11-10-1990
		JP 2824303 B2	11-11-1998
		KR 9706992 B1	01-05-1997
		MX 163716 B	16-06-1992
		NZ 227947 A	26-07-1991
		NZ 237319 A	25-10-1991
		RU 2025468 C1	30-12-1994
		WO 8907581 A1	24-08-1989
		ZA 8901021 A	29-11-1989
US 3125430	A	17-03-1964	
		DE 1105119 B	
		FR 1241900 A	23-09-1960
		GB 866885 A	03-05-1961
US 5917107	A	29-06-1999	
		AU 1085299 A	15-06-1999
		EP 1327610 A1	16-07-2003
		EP 1034143 A1	13-09-2000
		JP 2001524440 T	04-12-2001
		WO 9926890 A1	03-06-1999
		US 6079094 A	27-06-2000